

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062422\
 Data File : BN020400.D
 Acq On : 24 Jun 2022 16:38
 Operator : CG/JU
 Sample : PB145674BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 25 00:55:11 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:17:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

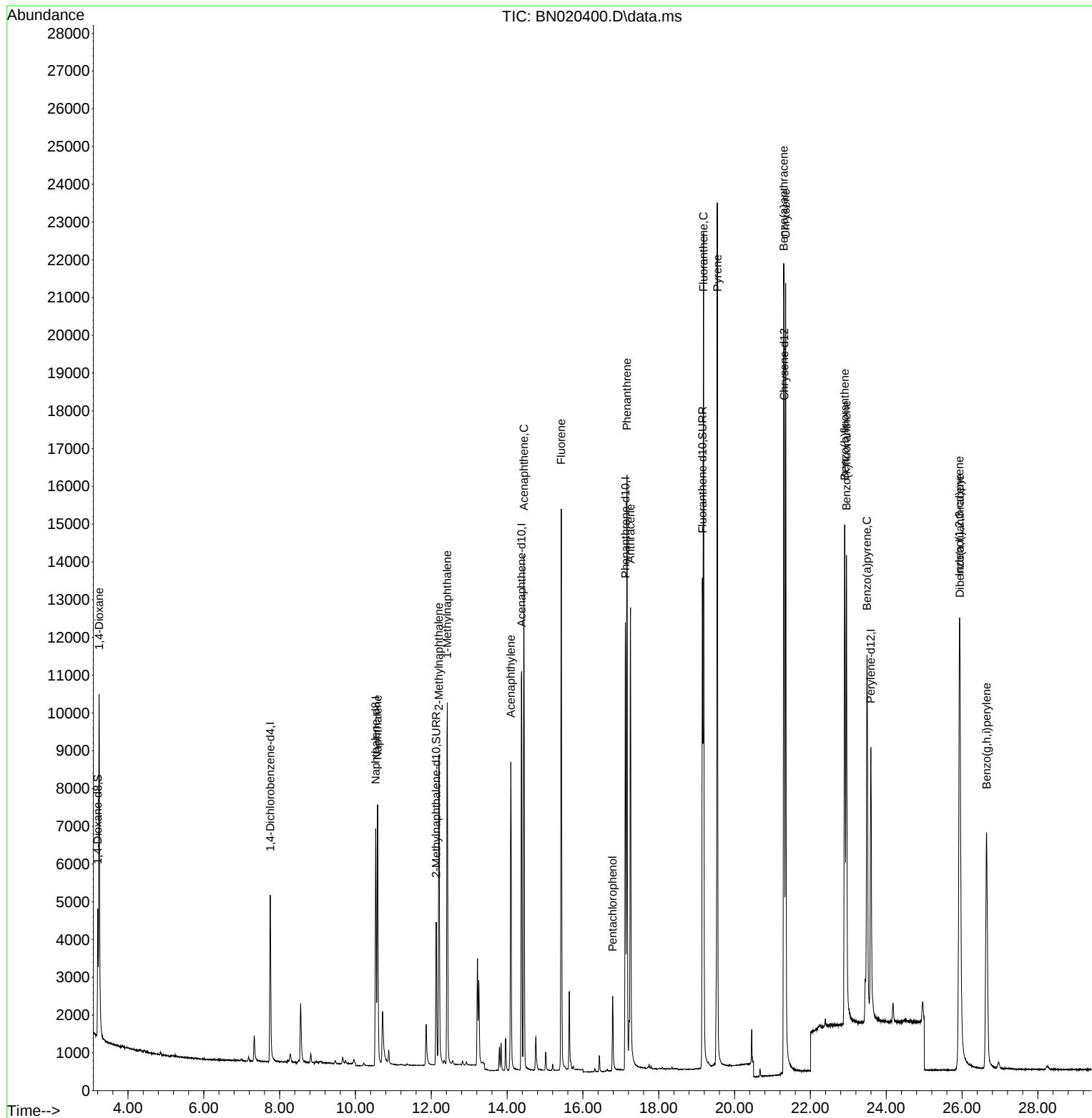
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	2784	0.400	ng/ul	0.00
4) Naphthalene-d8	10.535	136	9196	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.382	164	6102	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.120	188	14149	0.400	ng/ul	0.00
17) Chrysene-d12	21.312	240	12727	0.400	ng/ul	0.00
23) Perylene-d12	23.595	264	10361	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.206	96	2349	0.728	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.130	152	5531	0.367	ng/ul	0.00
18) Fluoranthene-d10	19.151	212	14906	0.355	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.239	88	6174	1.875	ng/ul#	82
5) Naphthalene	10.584	128	10002	0.352	ng/ul	100
7) 2-Methylnaphthalene	12.201	142	6622	0.348	ng/ul	99
8) 1-Methylnaphthalene	12.421	142	6998	0.388	ng/ul	100
10) Acenaphthylene	14.099	152	10101	0.349	ng/ul	100
11) Acenaphthene	14.442	153	8019	0.346	ng/ul	99
12) Fluorene	15.427	166	9646	0.352	ng/ul	99
14) Pentachlorophenol	16.787	266	1535	0.538	ng/ul	99
15) Phenanthrene	17.162	178	17213	0.350	ng/ul	99
16) Anthracene	17.255	178	14956	0.352	ng/ul	100
19) Fluoranthene	19.179	202	19792	0.341	ng/ul	99
20) Pyrene	19.546	202	20576	0.341	ng/ul	99
21) Benzo(a)anthracene	21.295	228	16798	0.367	ng/ul	99
22) Chrysene	21.347	228	18875	0.371	ng/ul	100
24) Benzo(b)fluoranthene	22.905	252	17582	0.367	ng/ul	99
25) Benzo(k)fluoranthene	22.949	252	17397	0.359	ng/ul	100
26) Benzo(a)pyrene	23.493	252	15978	0.367	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.933	276	16277	0.375	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.943	278	13186	0.377	ng/ul	99
29) Benzo(g,h,i)perylene	26.644	276	13947	0.375	ng/ul	99

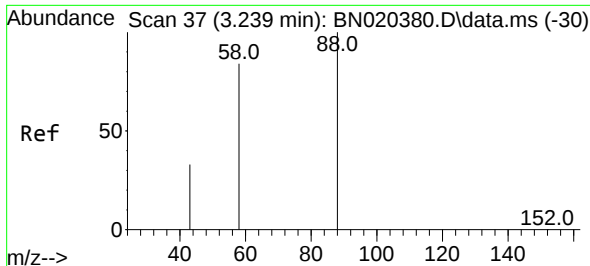
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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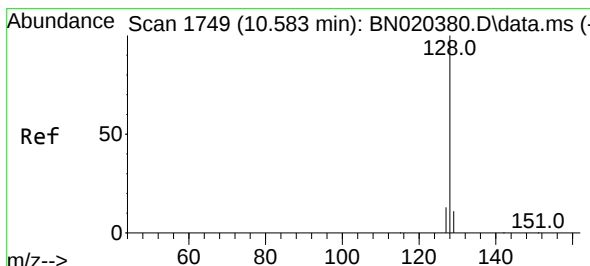
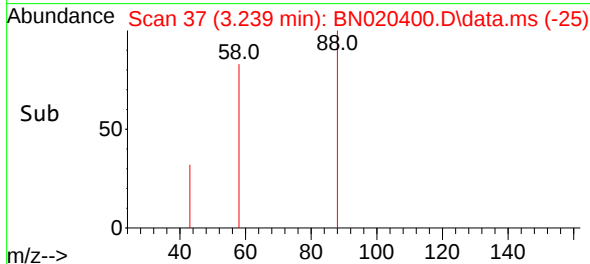
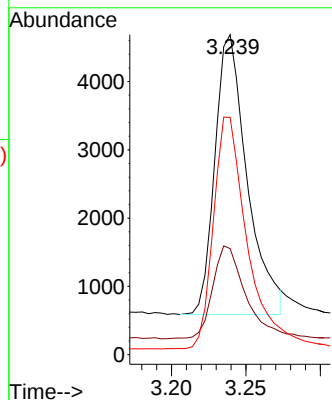
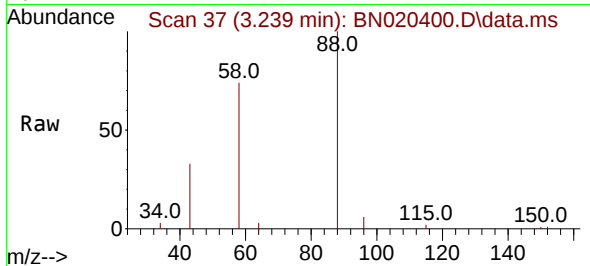




#2
1,4-Dioxane
Concen: 1.875 ng/ul
RT: 3.239 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN020400.D
Acq: 24 Jun 2022 16:38

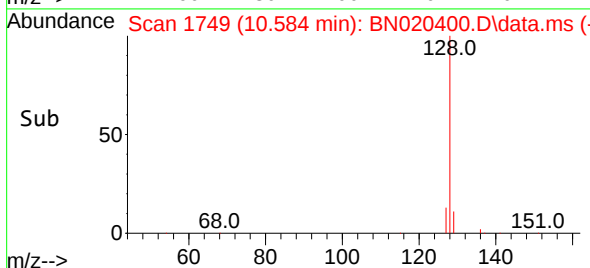
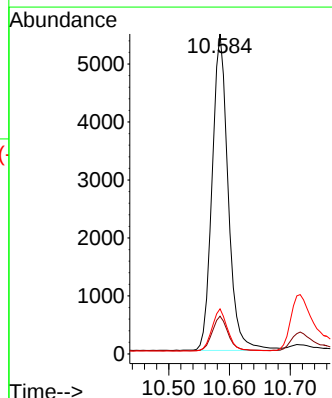
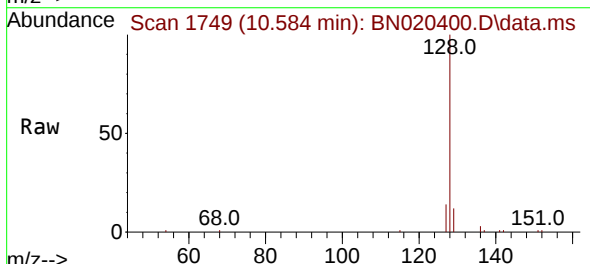
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BNA_N
ClientSampleId :

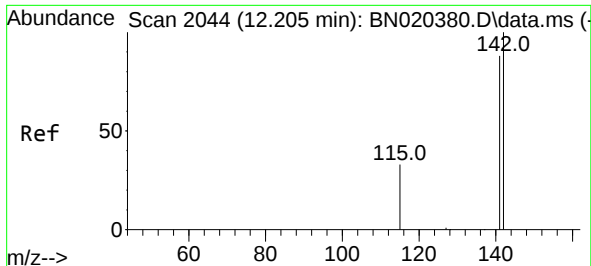
Tgt Ion: 88 Resp: 6174
Ion Ratio Lower Upper
88 100
43 33.2 32.5 48.7
58 74.2 46.2 69.2#



#5
Naphthalene
Concen: 0.352 ng/ul
RT: 10.584 min Scan# 1749
Delta R.T. 0.002 min
Lab File: BN020400.D
Acq: 24 Jun 2022 16:38

Tgt Ion:128 Resp: 10002
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 14.1 11.3 16.9

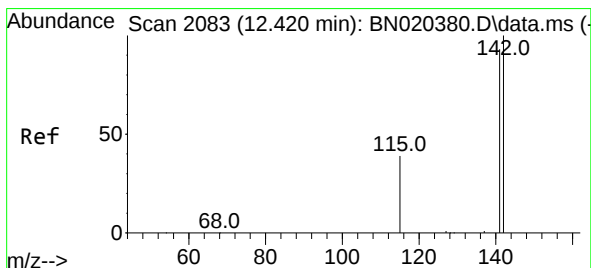
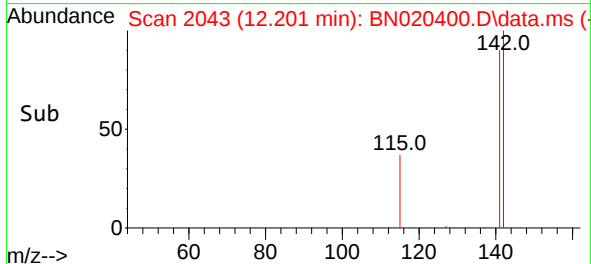
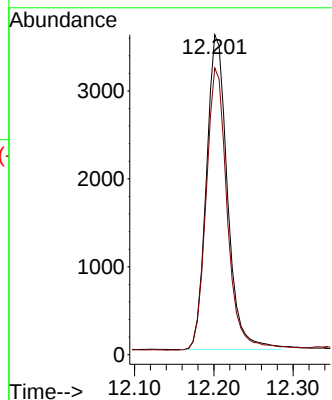
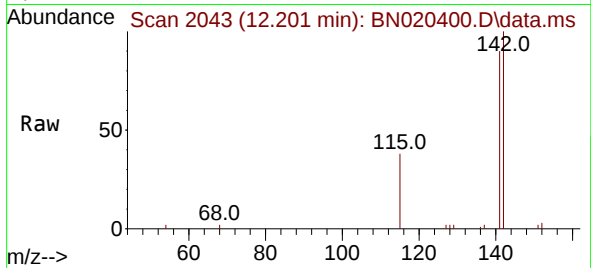




#7
2-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 12.201 min Scan# 2043
Delta R.T. -0.004 min
Lab File: BN020400.D
Acq: 24 Jun 2022 16:38

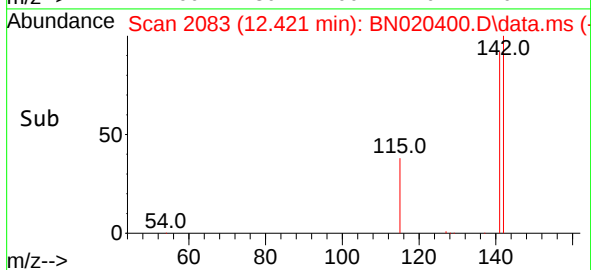
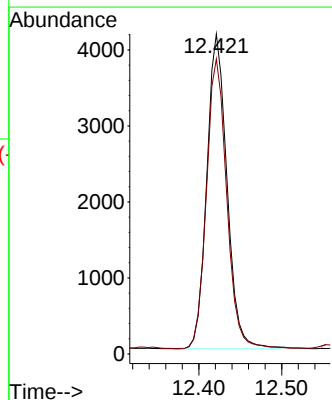
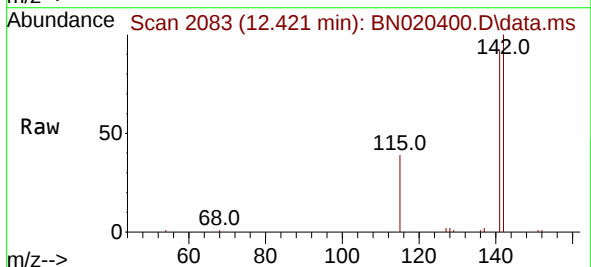
Instrument :
BNA_N
ClientSampleId :

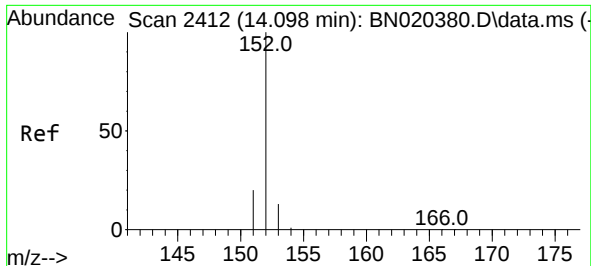
Tgt Ion:142 Resp: 6622
Ion Ratio Lower Upper
142 100
141 89.6 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.421 min Scan# 2083
Delta R.T. 0.002 min
Lab File: BN020400.D
Acq: 24 Jun 2022 16:38

Tgt Ion:142 Resp: 6998
Ion Ratio Lower Upper
142 100
141 92.2 73.7 110.5

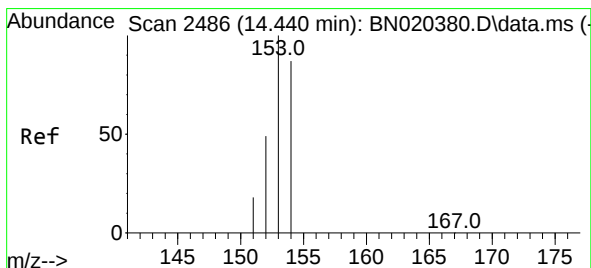
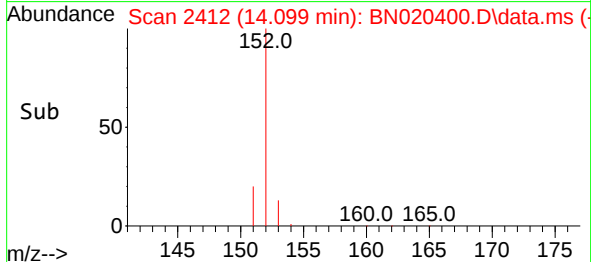
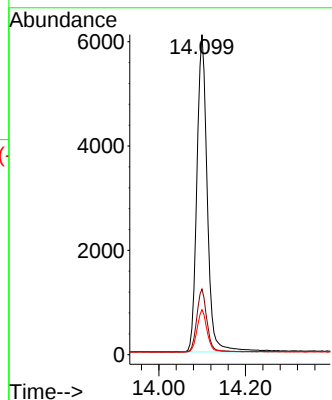
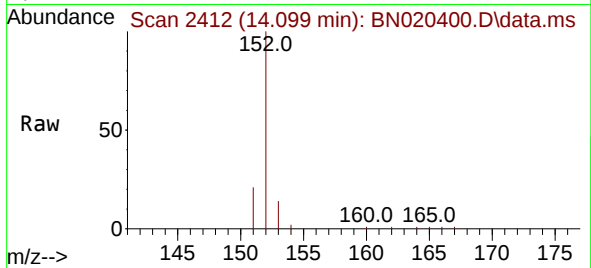




#10
Acenaphthylene
Concen: 0.349 ng/ul
RT: 14.099 min Scan# 2412
Delta R.T. 0.002 min
Lab File: BN020400.D
Acq: 24 Jun 2022 16:38

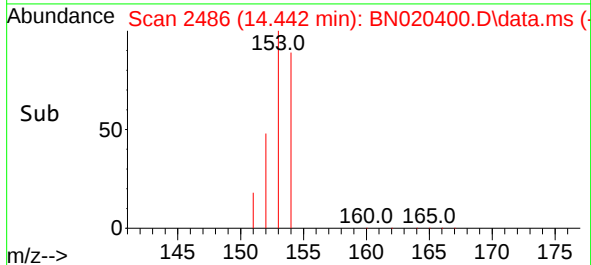
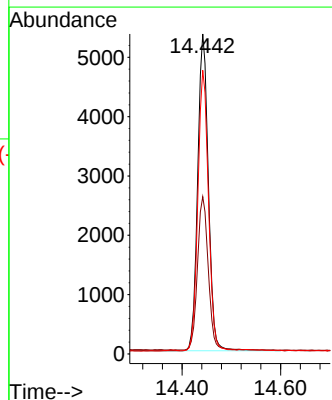
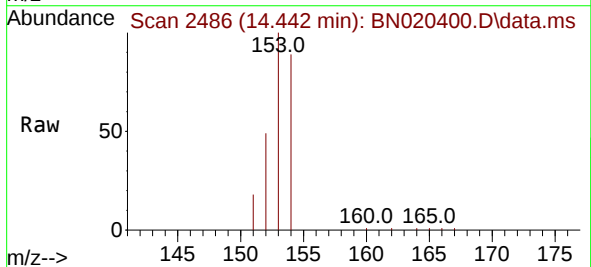
Instrument :
BNA_N
ClientSampleId :

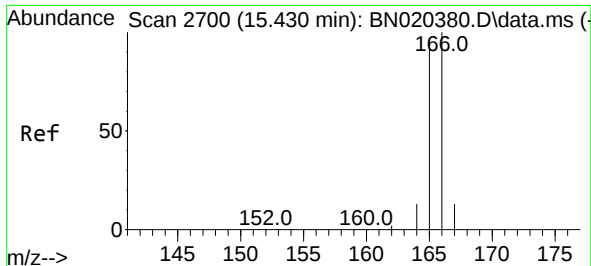
Tgt Ion:152 Resp: 10101
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7
153 14.1 11.1 16.7



#11
Acenaphthene
Concen: 0.346 ng/ul
RT: 14.442 min Scan# 2486
Delta R.T. 0.002 min
Lab File: BN020400.D
Acq: 24 Jun 2022 16:38

Tgt Ion:153 Resp: 8019
Ion Ratio Lower Upper
153 100
152 49.1 40.0 60.0
154 88.7 70.0 105.0

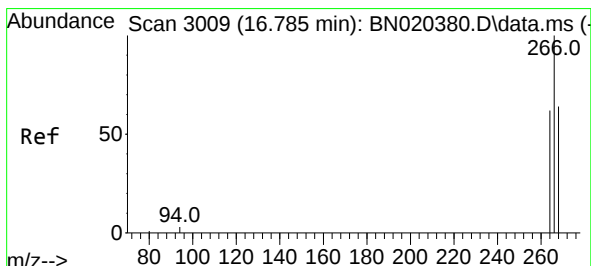
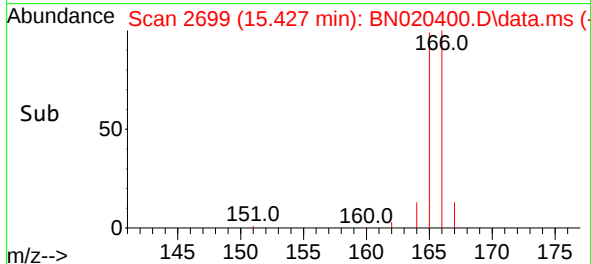
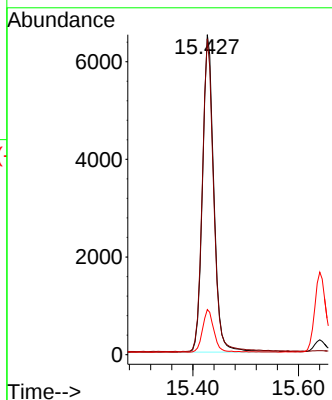
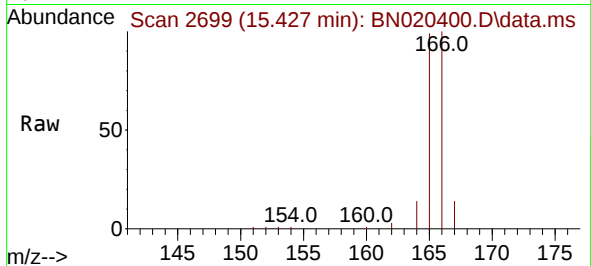




#12
 Fluorene
 Concen: 0.352 ng/ul
 RT: 15.427 min Scan# 2699
 Delta R.T. -0.003 min
 Lab File: BN020400.D
 Acq: 24 Jun 2022 16:38

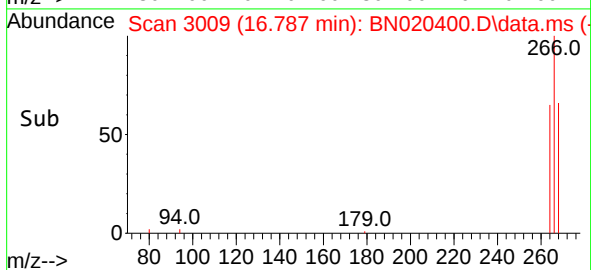
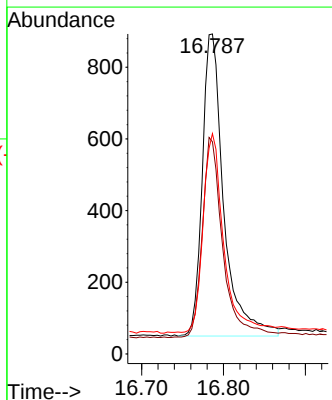
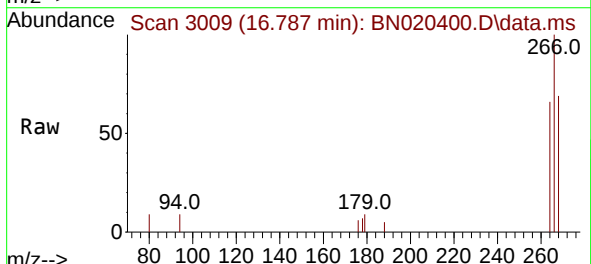
Instrument :
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 ClientSampleId :

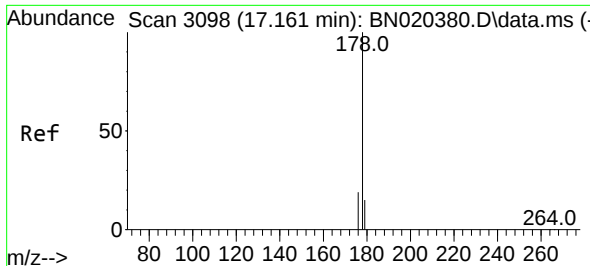
Tgt Ion:166 Resp: 9646
 Ion Ratio Lower Upper
 166 100
 165 98.7 78.2 117.2
 167 14.1 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.538 ng/ul
 RT: 16.787 min Scan# 3009
 Delta R.T. 0.002 min
 Lab File: BN020400.D
 Acq: 24 Jun 2022 16:38

Tgt Ion:266 Resp: 1535
 Ion Ratio Lower Upper
 266 100
 264 63.6 51.6 77.4
 268 63.5 51.5 77.3

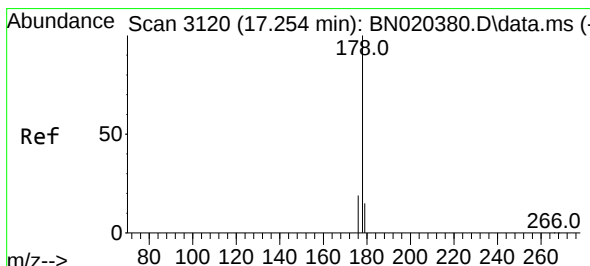
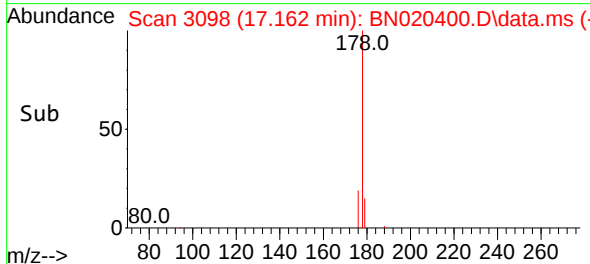
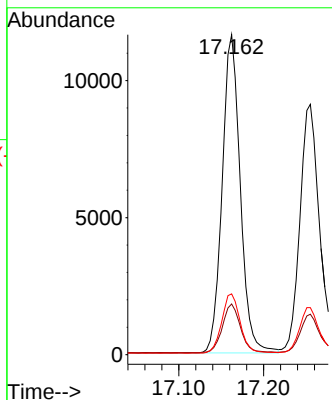
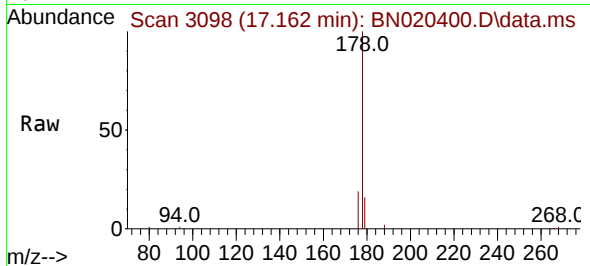




#15
Phenanthrene
Concen: 0.350 ng/ul
RT: 17.162 min Scan# 3098
Delta R.T. 0.002 min
Lab File: BN020400.D
Acq: 24 Jun 2022 16:38

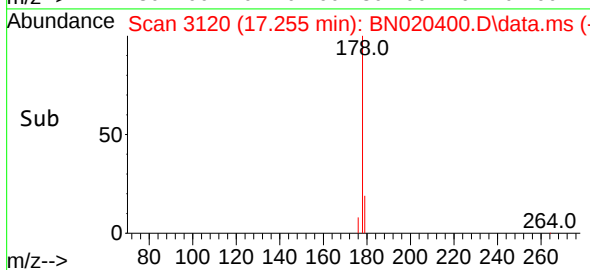
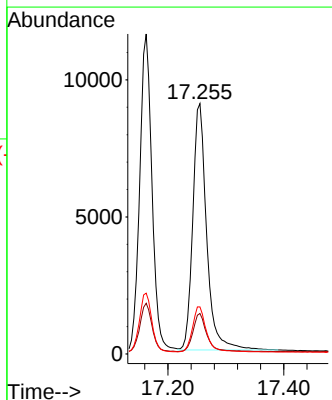
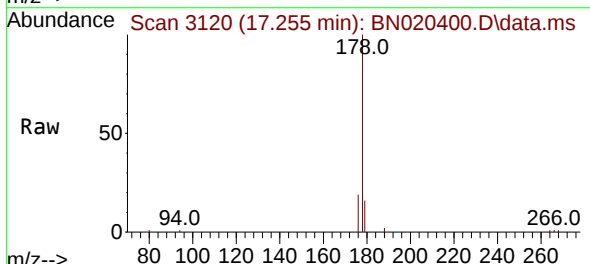
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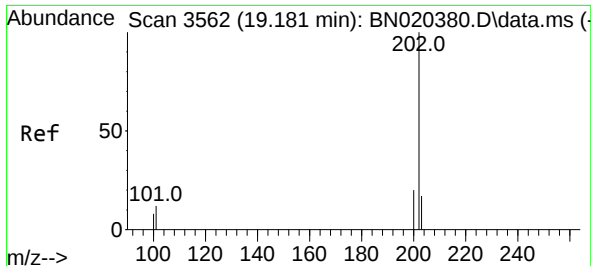
Tgt Ion:178 Resp: 17213
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.0 15.8 23.6



#16
Anthracene
Concen: 0.352 ng/ul
RT: 17.255 min Scan# 3120
Delta R.T. 0.002 min
Lab File: BN020400.D
Acq: 24 Jun 2022 16:38

Tgt Ion:178 Resp: 14956
Ion Ratio Lower Upper
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179 16.2 12.8 19.2
176 18.8 15.2 22.8

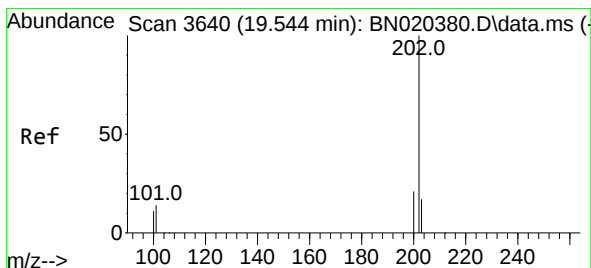
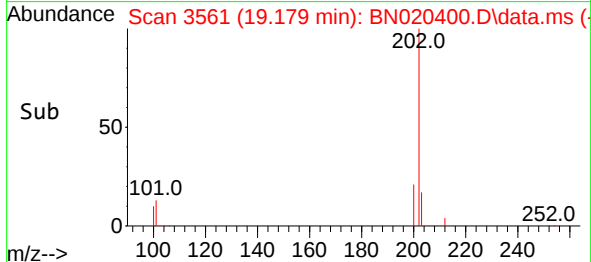
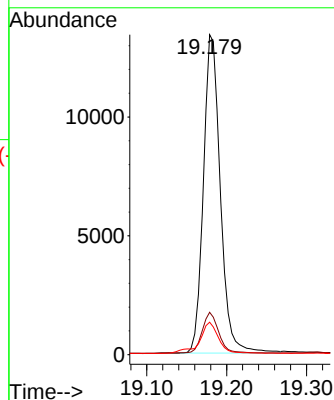
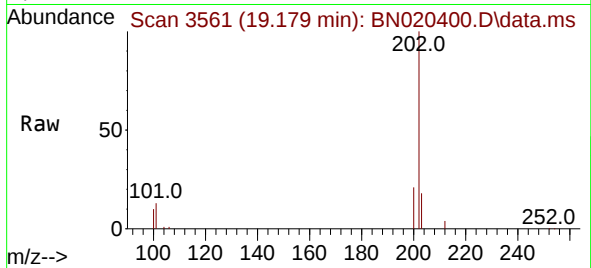




#19
Fluoranthene
Concen: 0.341 ng/ul
RT: 19.179 min Scan# 3561
Delta R.T. -0.003 min
Lab File: BN020400.D
Acq: 24 Jun 2022 16:38

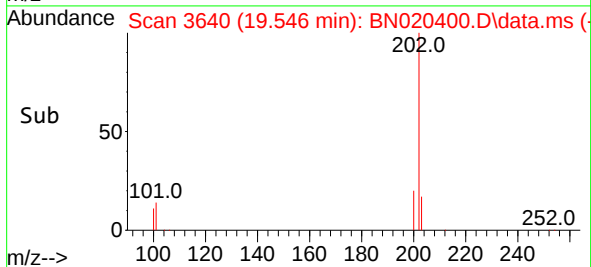
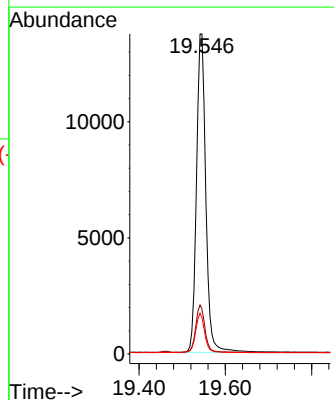
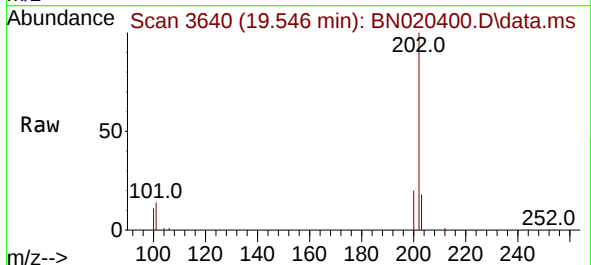
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BNA_N
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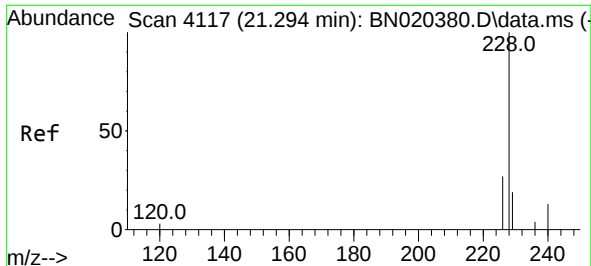
Tgt Ion:202 Resp: 19792
Ion Ratio Lower Upper
202 100
101 13.2 10.3 15.5
100 10.1 7.8 11.6



#20
Pyrene
Concen: 0.341 ng/ul
RT: 19.546 min Scan# 3640
Delta R.T. 0.002 min
Lab File: BN020400.D
Acq: 24 Jun 2022 16:38

Tgt Ion:202 Resp: 20576
Ion Ratio Lower Upper
202 100
101 14.0 11.6 17.4
100 11.4 9.2 13.8

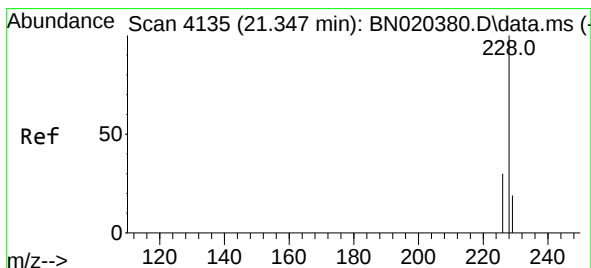
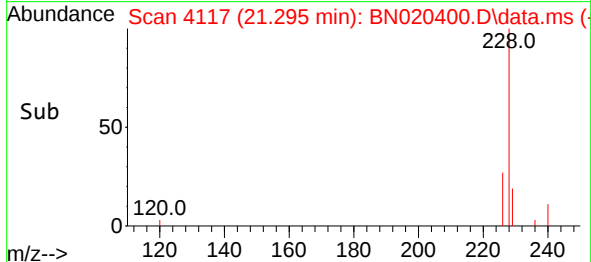
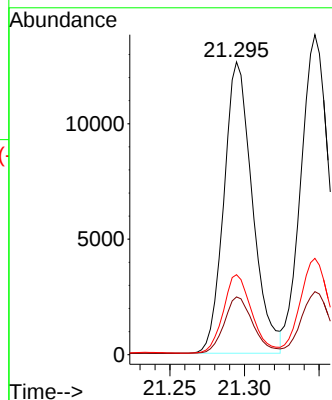
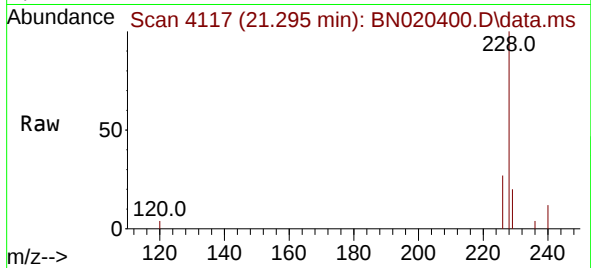




#21
Benzo(a)anthracene
Concen: 0.367 ng/ul
RT: 21.295 min Scan# 4117
Delta R.T. 0.000 min
Lab File: BN020400.D
Acq: 24 Jun 2022 16:38

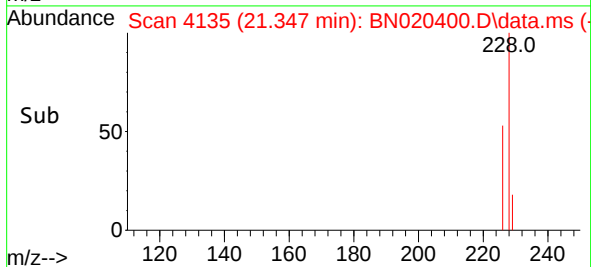
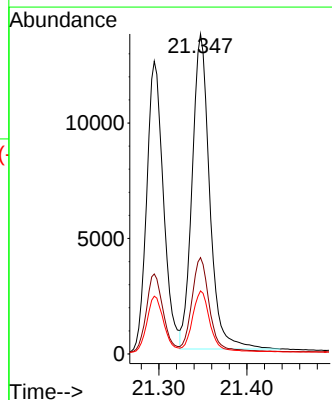
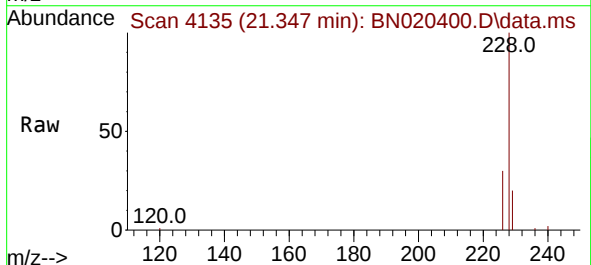
Instrument :
BNA_N
ClientSampleId :

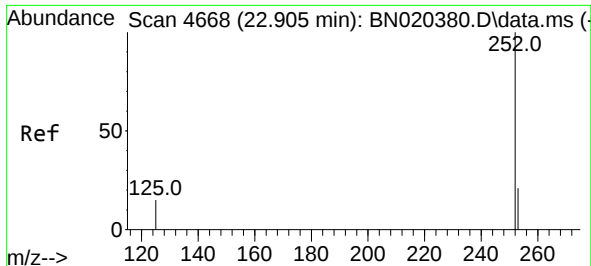
Tgt Ion:228 Resp: 16798
Ion Ratio Lower Upper
228 100
229 19.7 15.9 23.9
226 27.3 22.2 33.2



#22
Chrysene
Concen: 0.371 ng/ul
RT: 21.347 min Scan# 4135
Delta R.T. 0.000 min
Lab File: BN020400.D
Acq: 24 Jun 2022 16:38

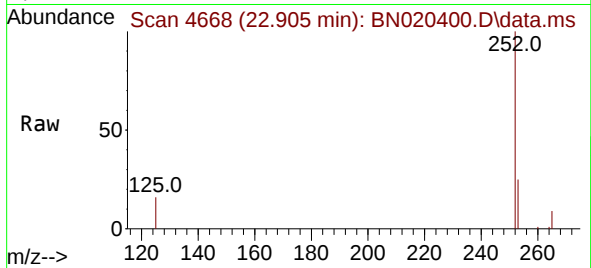
Tgt Ion:228 Resp: 18875
Ion Ratio Lower Upper
228 100
226 30.1 23.9 35.9
229 19.7 15.8 23.8



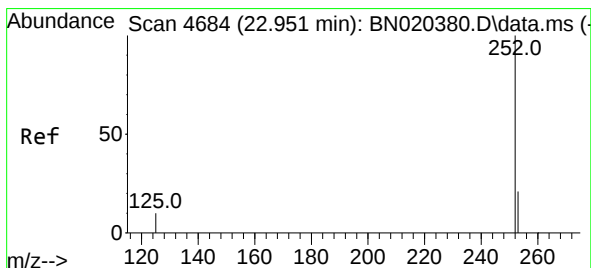
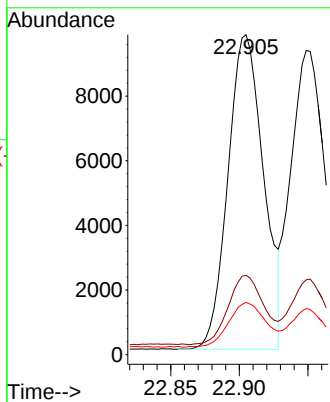
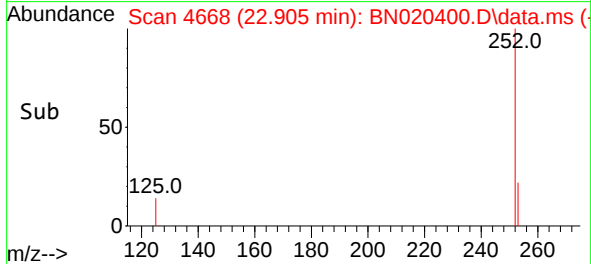


#24
Benzo(b)fluoranthene
Concen: 0.367 ng/ul
RT: 22.905 min Scan# 4668
Delta R.T. 0.000 min
Lab File: BN020400.D
Acq: 24 Jun 2022 16:38

Instrument :
BNA_N
ClientSampleId :

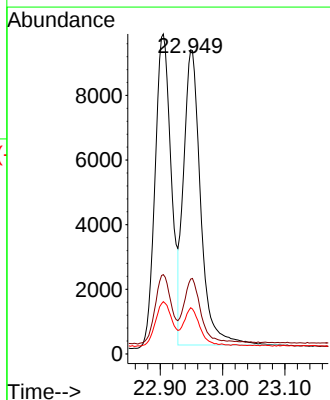
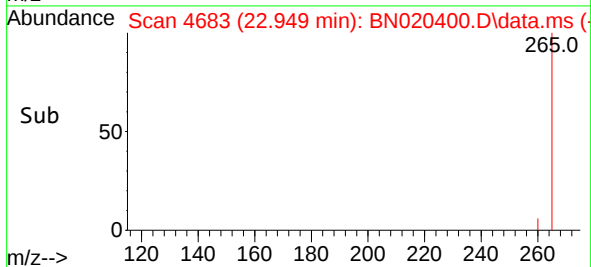
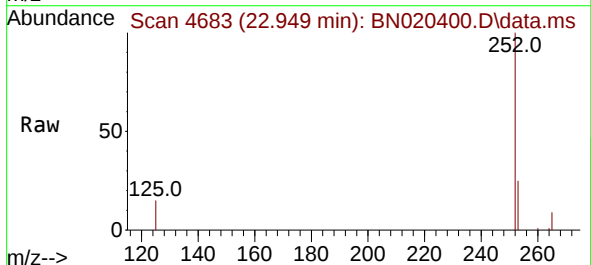


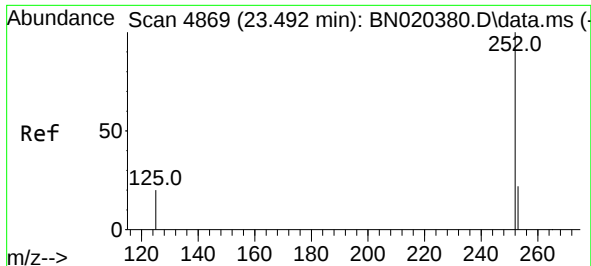
Tgt Ion:252 Resp: 17582
Ion Ratio Lower Upper
252 100
253 24.8 0.0 48.6
125 16.3 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.359 ng/ul
RT: 22.949 min Scan# 4683
Delta R.T. -0.003 min
Lab File: BN020400.D
Acq: 24 Jun 2022 16:38

Tgt Ion:252 Resp: 17397
Ion Ratio Lower Upper
252 100
253 24.6 19.7 29.5
125 15.2 12.0 18.0

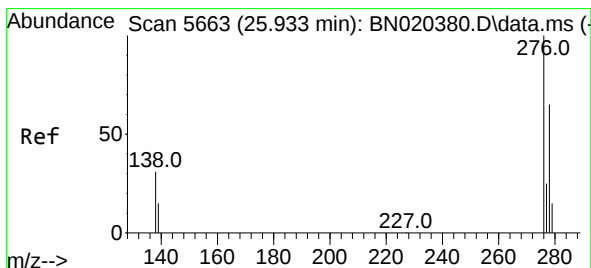
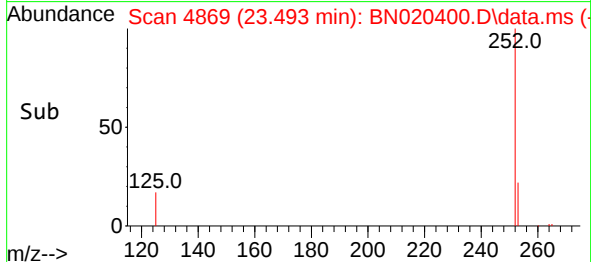
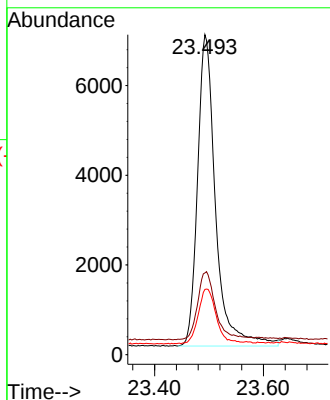
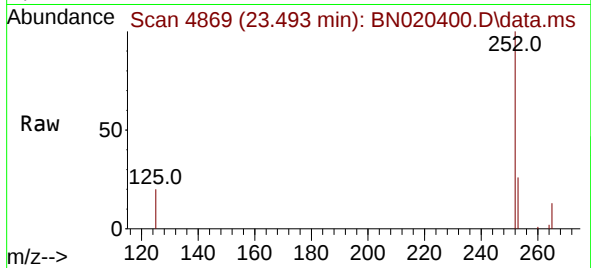




#26
Benzo(a)pyrene
Concen: 0.367 ng/ul
RT: 23.493 min Scan# 4869
Delta R.T. 0.000 min
Lab File: BN020400.D
Acq: 24 Jun 2022 16:38

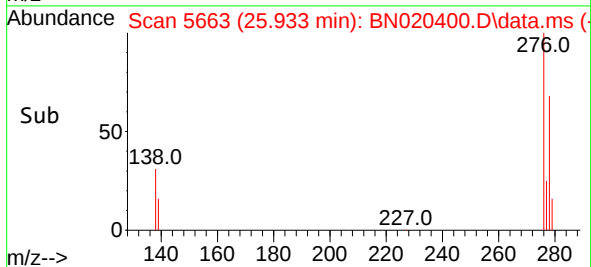
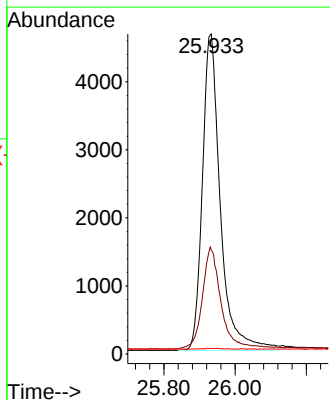
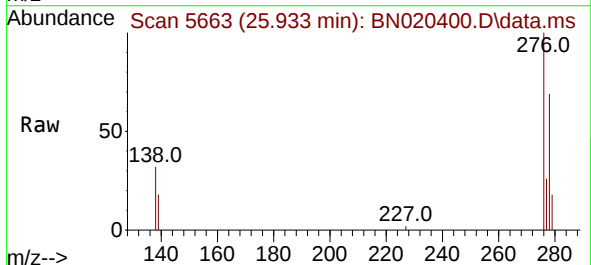
Instrument :
BNA_N
ClientSampleId :

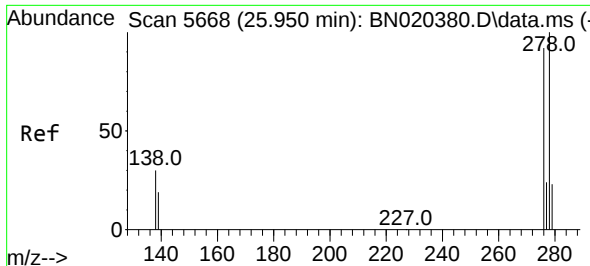
Tgt Ion:252 Resp: 15978
Ion Ratio Lower Upper
252 100
253 25.6 21.0 31.4
125 20.4 18.8 28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng/ul
RT: 25.933 min Scan# 5663
Delta R.T. 0.000 min
Lab File: BN020400.D
Acq: 24 Jun 2022 16:38

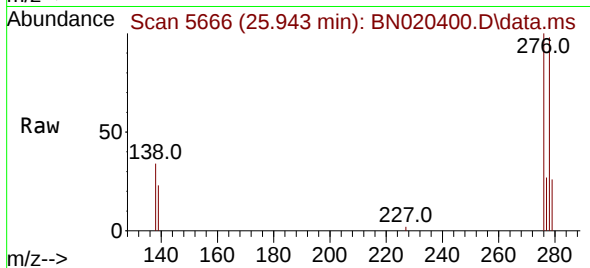
Tgt Ion:276 Resp: 16277
Ion Ratio Lower Upper
276 100
138 33.4 27.4 41.2
227 0.1 0.2 0.2#



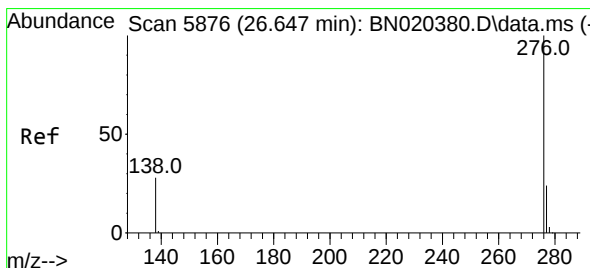
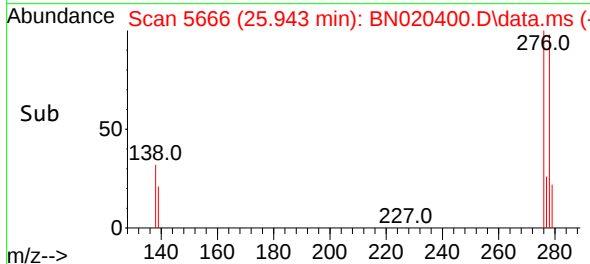
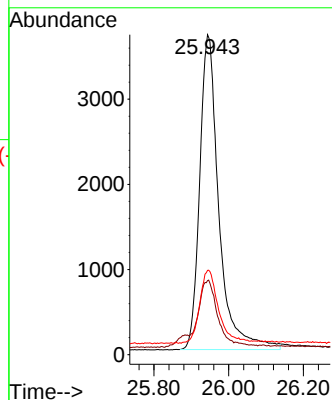


#28
Dibenzo(a,h)anthracene
Concen: 0.377 ng/ul
RT: 25.943 min Scan# 5666
Delta R.T. -0.006 min
Lab File: BN020400.D
Acq: 24 Jun 2022 16:38

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 13186
Ion Ratio Lower Upper
278 100
139 23.1 18.8 28.2
279 26.3 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.375 ng/ul
RT: 26.644 min Scan# 5875
Delta R.T. -0.003 min
Lab File: BN020400.D
Acq: 24 Jun 2022 16:38

Tgt Ion:276 Resp: 13947
Ion Ratio Lower Upper
276 100
138 29.2 23.5 35.3
277 24.5 20.1 30.1

